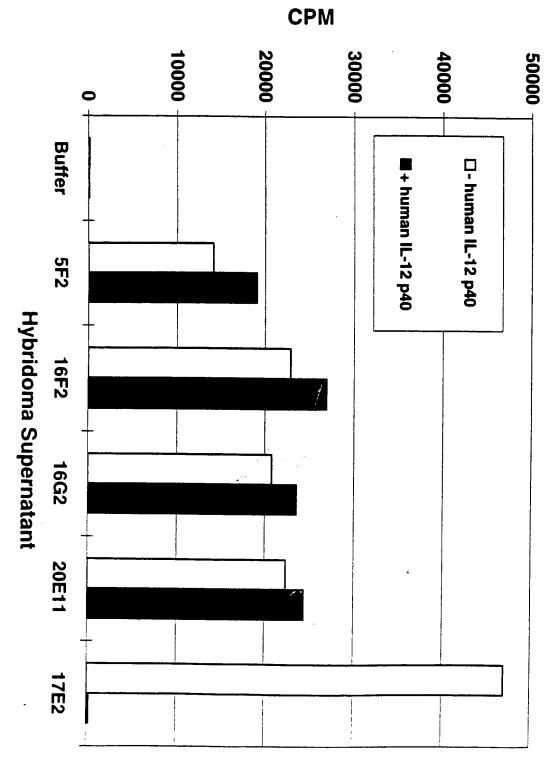
¹²⁵I-Labeled Human IL-12 Immunoprecipitation Assay



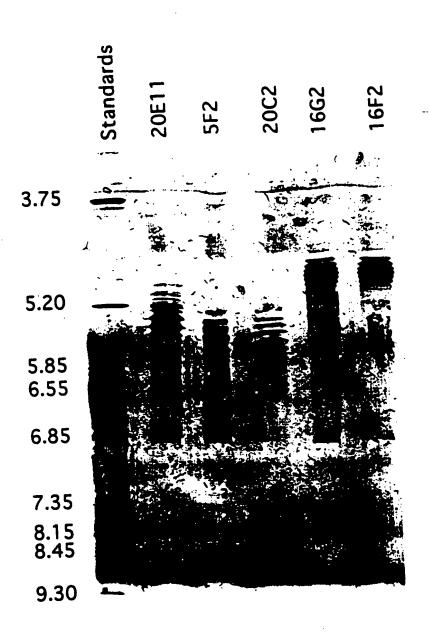


FIG. 2

Inhibition of natIL-12-induced PHA Blast Proliferation by Anti-IL-12 mAbs

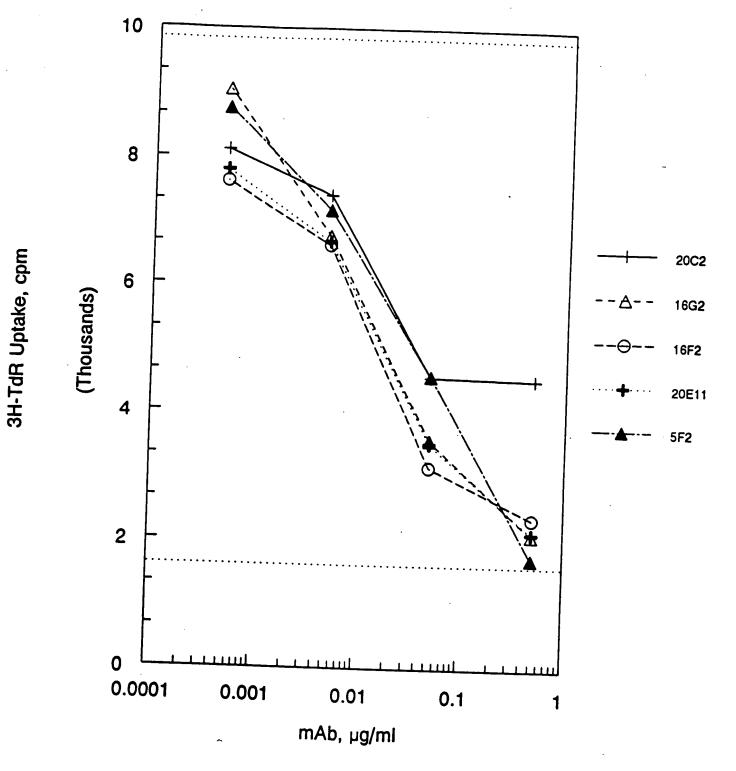


FIG. 3

Inhibition of rhesus IL-12-induced PHA Blast Proliferation by Anti-IL-12 mAbs

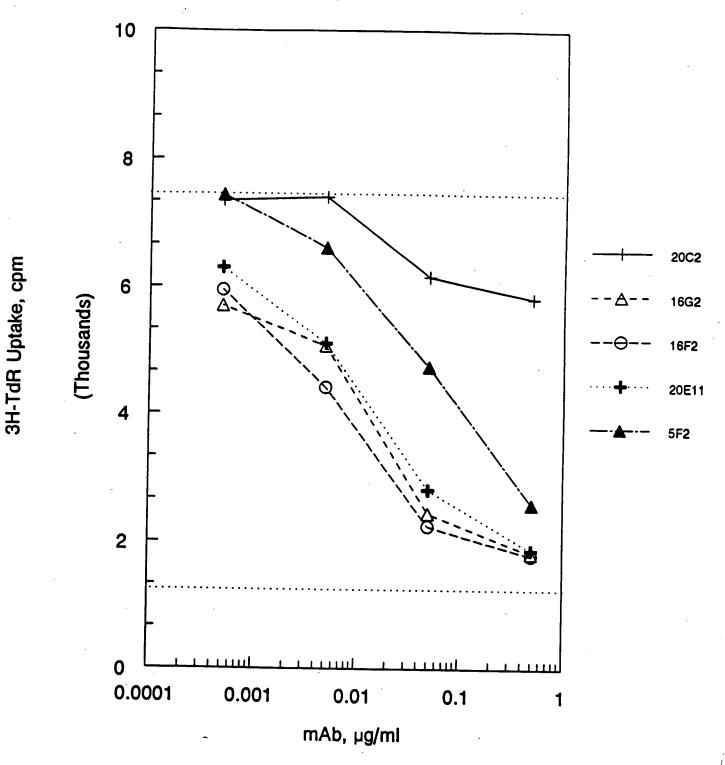


FIG. 4

Inhibition of IFN- γ Production by Anti-hulL-12 mAb —0—16F2 —**≡**—16G2 -*--20C2 • • • • 5F2 0.1 [mAb] (µg/ml) 0.01 0.001 180 150 120 8 30 9 IEN√ (u∂\m|)

F16.5

16G2 Heavy Chain Variable Region

CEC								27									54
((-	GAG	GAG	TCA	GGA	ССТ	AGC	CTC	GTG	AAA	CCT	TCT	CAG	ACT	CTG	TCC	CTC	ACC
							ĠAG										
							Leu										
шса	Q I U	014	001	019		001	200		-1-			02					
								81									108
ጥርጥ	ጥርጥ	GTC	αст	GGC	GAC	TCC	ATC		ΔСТ	CCT	ТΔС	TGG	ם מ כ	TGG	ΔΤΟ	CGG	
							TAG										
							Ile										
Cys	ser	vai	THE	GIY	ASP	ser	116	TIIL	<u> 261</u>	GIV	TAT	TID	<u> HŞII</u>	тър	116	Arg	гуз
								1 2 6									1.00
mm.c	007	CCC	70 70 707	77 77 77		C 1 C	m a c	135	CC 1	mmc	א רווו א	7 Cm	m z m	7 CM	CCE	7.00	162
							TAC										
							ATG										
Phe	Pro	GLy	Asn	Lys	Phe	Glu	Tyr	MET	Gly	Phe	тте	Ser	Tyr	Ser	GLV	Ser	Thr
								189									216
							AAT	CGA									AAT
ATG	TTA	TTA	GGT	AGA	GAG	TTT	TTA	CGA GCT	CAG	AGG	TAG	TGA	GCT	CTG	TGT	AGG	AAT TTA
ATG	TTA	TTA	GGT	AGA	GAG	TTT		CGA GCT	CAG	AGG	TAG	TGA	GCT	CTG	TGT	AGG	AAT TTA
ATG	TTA	TTA	GGT	AGA	GAG	TTT	TTA	CGA GCT	CAG	AGG	TAG	TGA	GCT	CTG	TGT	AGG	AAT TTA
ATG	TTA	TTA	GGT	AGA	GAG	TTT	TTA	CGA GCT Arg	CAG	AGG	TAG	TGA	GCT	CTG	TGT	AGG	AAT TTA Asn
ATG Tyr	TTA Asn	TTA Asn	GGT Pro	AGA Ser	GAG Leu	TTT Lys	TTA Asn	CGA GCT Arg	CAG Val	AGG Ser	TAG Ile	TGA Thr	GCT Arg	CTG Asp	TGT Thr	AGG Ser	AAT TTA Asn
ATG Tyr AAC	TTA Asn CAG	TTA Asn TAC	GGT Pro TAC	AGA Ser CTG	GAG Leu CAG	TTT Lys TTG	TTA Asn AGT	CGA GCT Arg 243 TCT	CAG Val GTG	AGG Ser ACT	TAG Ile ACT	TGA Thr	GCT Arg GAC	CTG Asp	TGT Thr	AGG Ser ACA	AAT TTA Asn 270 TAT
ATG Tyr AAC	TTA Asn CAG	TTA Asn TAC	GGT Pro TAC	AGA Ser CTG	GAG Leu CAG	TTT Lys TTG	TTA Asn	CGA GCT Arg 243 TCT	CAG Val GTG	AGG Ser ACT	TAG Ile ACT	TGA Thr	GCT Arg GAC	CTG Asp	TGT Thr	AGG Ser ACA	AAT TTA Asn 270 TAT
ATG Tyr AAC TTG	TTA Asn CAG GTC	TTA Asn TAC ATG	GGT Pro TAC ATG	AGA Ser CTG GAC	GAG Leu CAG GTC	TTT Lys TTG AAC	TTA Asn AGT	CGA GCT Arg 243 TCT AGA	CAG Val GTG CAC	AGG Ser ACT TGA	TAG Ile ACT TGA	TGA Thr GAG CTC	GCT Arg GAC CTG	CTG Asp TCA AGT	TGT Thr GCC CGG	AGG Ser ACA TGT	AAT TTA Asn 270 TAT ATA
ATG Tyr AAC TTG	TTA Asn CAG GTC	TTA Asn TAC ATG	GGT Pro TAC ATG	AGA Ser CTG GAC	GAG Leu CAG GTC	TTT Lys TTG AAC	TTA Asn AGT TCA	CGA GCT Arg 243 TCT AGA	CAG Val GTG CAC	AGG Ser ACT TGA	TAG Ile ACT TGA	TGA Thr GAG CTC	GCT Arg GAC CTG	CTG Asp TCA AGT	TGT Thr GCC CGG	AGG Ser ACA TGT	AAT TTA Asn 270 TAT ATA
ATG Tyr AAC TTG	TTA Asn CAG GTC	TTA Asn TAC ATG	GGT Pro TAC ATG	AGA Ser CTG GAC	GAG Leu CAG GTC	TTT Lys TTG AAC	TTA Asn AGT TCA	CGA GCT Arg 243 TCT AGA	CAG Val GTG CAC	AGG Ser ACT TGA	TAG Ile ACT TGA	TGA Thr GAG CTC	GCT Arg GAC CTG	CTG Asp TCA AGT	TGT Thr GCC CGG	AGG Ser ACA TGT	AAT TTA Asn 270 TAT ATA
ATG Tyr AAC TTG	TTA Asn CAG GTC	TTA Asn TAC ATG	GGT Pro TAC ATG	AGA Ser CTG GAC	GAG Leu CAG GTC	TTT Lys TTG AAC	TTA Asn AGT TCA	CGA GCT Arg 243 TCT AGA	CAG Val GTG CAC	AGG Ser ACT TGA	TAG Ile ACT TGA	TGA Thr GAG CTC	GCT Arg GAC CTG	CTG Asp TCA AGT	TGT Thr GCC CGG	AGG Ser ACA TGT	AAT TTA Asn 270 TAT ATA
ATG Tyr AAC TTG Asn	TTA Asn CAG GTC Gln	TTA Asn TAC ATG Tyr	TAC ATG Tyr	AGA Ser CTG GAC Leu	GAG Leu CAG GTC Gln	TTT Lys TTG AAC Leu	AGT TCA Ser	CGA GCT Arg 243 TCT AGA Ser 297 TTG	CAG Val GTG CAC Val	AGG Ser ACT TGA Thr	TAG Ile ACT TGA Thr	TGA Thr GAG CTC Glu	GCT Arg GAC CTG Asp	CTG Asp TCA AGT Ser	TGT Thr GCC CGG Ala	AGG Ser ACA TGT Thr	AAT TTA Asn 270 TAT ATA
ATG Tyr AAC TTG Asn	TTA Asn CAG GTC Gln	TTA Asn TAC ATG Tyr	TAC ATG Tyr	AGA Ser CTG GAC Leu	GAG Leu CAG GTC Gln	TTT Lys TTG AAC Leu	AST AGT TCA Ser	CGA GCT Arg 243 TCT AGA Ser 297 TTG	CAG Val GTG CAC Val	AGG Ser ACT TGA Thr	TAG Ile ACT TGA Thr	TGA Thr GAG CTC Glu	GCT Arg GAC CTG Asp	CTG Asp TCA AGT Ser	TGT Thr GCC CGG Ala	AGG Ser ACA TGT Thr	AAT TTA Asn 270 TAT ATA

20E11 Heavy Chain Variable Region

				•						
			27							54
GAG GAG TCA	GGA CCT AGC	CTC GTG	AAA CCT	TCT C	AG ACT	CTG	TCC	CTC	ACC	TGT
CTC CTC AGT	CCT GGA TCG	GAG CAC	TTT GGA	A AGA G	TC TGA	GAC	AGG	GAG	TGG	ACA
Glu Glu Ser	Gly Pro Ser	Leu Val	Lys Pro	Ser G	ln Thr	Leu	Ser	Leu	Thr	Cys
	_							•		
			81							108
TCT GTC ACT	GGC GAC TCC	ATC ACC	AGT GGT	TAC TO	GG AAC	TGG	ATC	CGG	AAA	TTC
AGA CAG TGA										
Ser Val Thr										
oci vai ini	GIY 1.50 GGI	110 1111	<u> </u>					9	2,0	20
			135							162
CCA GAT AAT	אכא כיייי כאכ	ጥአር አጥር		י אידי אידי אי	כייי ייאכ	λСΨ	CCT	λСΤ	λСΨ	
GGT CTA TTA										
Pro Asp Asn	Thr Leu Glu	Tyr MET	GIA IA	TIE S	er Tyr	Ser	GTA	Ser	Inr	IVI
	·		100							016
			189							216
TAC AAT CCA			ATC TC							AAC
ATG TTA GGT	AGA GAG TCT	TCA GCT	ATC TCC	TAG T	GA GCT	CTG	TGT	AGG	TTC	AAC TTG
	AGA GAG TCT	TCA GCT	ATC TCC	TAG T	GA GCT	CTG	TGT	AGG	TTC	AAC TTG
ATG TTA GGT	AGA GAG TCT	TCA GCT	ATC TCC	TAG T	GA GCT	CTG	TGT	AGG	TTC	AAC TTG
ATG TTA GGT	AGA GAG TCT	TCA GCT	ATC TCC TAG AGC Ile Ser	TAG T	GA GCT	CTG	TGT	AGG	TTC	AAC TTG Asn
ATG TTA GGT Tyr Asn Pro	AGA GAG TCT Ser Leu Arg	TCA GCT <u>Ser</u> Arg	ATC TCC TAG AGC Ile Ser 243	G TAG TO	GA GCT hr Arg	CTG Asp	TGT Thr	AGG Ser	TTC Lys	AAC TTG Asn
ATG TTA GGT	AGA GAG TCT Ser Leu Arg	TCA GCT <u>Ser</u> Arg	ATC TCC TAG AGC Ile Ser 243	G TAG TO	GA GCT hr Arg	CTG Asp	TGT Thr	AGG Ser	TTC Lys	AAC TTG Asn
ATG TTA GGT Tyr Asn Pro	AGA GAG TCT Ser Leu Arg ATG CAG TTG	TCA GCT Ser Arg AAT TCT	ATC TCC TAG AGC Ile Ser 243 GTG ACC	TAG TO	GA GCT hr Arg AG GAC	CTG Asp ACA	TGT Thr	AGG Ser ACA	TTC Lys TAT	AAC TTG Asn 270 TAC
ATG TTA GGT Tyr Asn Pro CAG TAC TCC	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC	TCA GCT Ser Arg AAT TCT TTA AGA	ATC TCC TAG AGC Ile Ser 243 GTG ACC CAC TGA	TAG TO	GA GCT hr Arg AG GAC TC CTG	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG
ATG TTA GGT Tyr Asn Pro CAG TAC TCC GTC ATG AGG	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC	TCA GCT Ser Arg AAT TCT TTA AGA	ATC TCC TAG AGC Ile Ser 243 GTG ACC CAC TGA	TAG TO	GA GCT hr Arg AG GAC TC CTG	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG
ATG TTA GGT Tyr Asn Pro CAG TAC TCC GTC ATG AGG	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC	TCA GCT Ser Arg AAT TCT TTA AGA	ATC TCC TAG AGC Ile Ser 243 GTG ACC CAC TGA	TAG TO	GA GCT hr Arg AG GAC TC CTG	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG
ATG TTA GGT Tyr Asn Pro CAG TAC TCC GTC ATG AGG	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC	TCA GCT Ser Arg AAT TCT TTA AGA	ATC TCC TAG AGC Ile Ser 243 GTG ACC CAC TGA	TAG TO	GA GCT hr Arg AG GAC TC CTG	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG
ATG TTA GGT Tyr Asn Pro CAG TAC TCC GTC ATG AGG	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC MET Gln Leu	TCA GCT Ser Arg AAT TCT TTA AGA Asn Ser	ATC TCC TAG AGG Ile Ser 243 GTG ACC CAC TGA Val The	TAG TO TO THE TOTAL TACT GA TGA C'	GA GCT hr Arg AG GAC TC CTG lu Asp	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG
ATG TTA GGT Tyr Asn Pro CAG TAC TCC GTC ATG AGG Gln Tyr Ser	AGA GAG TCT Ser Leu Arg ATG CAG TTG TAC GTC AAC MET Gln Leu TCC TCG GAT	TCA GCT Ser Arg AAT TCT TTA AGA Asn Ser GCT ATG	ATC TCC TAG AGG Ile Ser 243 GTG ACC CAC TGA Val The 297 GAC TAG	TAG TO TO THE TOTAL TACT GO	GA GCT hr Arg AG GAC TC CTG lu Asp GC GC	CTG Asp ACA TGT	TGT Thr GCC CGG	AGG Ser ACA TGT	TTC Lys TAT ATA	AAC TTG Asn 270 TAC ATG

Cys Ala Arg <u>Ser Ser Asp Ala MET Asp Tyr</u> Trp Gly